

PRMS State and Local Options Summary

Background

Accommodating reporting of unique state and local performance items was identified as a priority in the development of the NRCS Performance and Results Measurement System (PRMS). The PRMS development strategy called for initial implementation of the national PRMS, followed by implementation of a State and Local Options component (hereafter Local Options). The Local Options component would allow states and partners to tailor reporting to fit specific needs beyond national-level PRMS. The national-level PRMS was delivered for use in October 1998. At that time, information technology (IT) performance issues were identified as a problem for many using the web-based reporting system. This resulted in a decision to delay the addition of Local Options to PRMS until later in FY 99 when it was anticipated that the IT and performance issues would be resolved.

Process

In August 1999, a small Local Options Team of state office and state agency staff was assembled to develop a process for getting state and local data needs from states. The team developed a web-based survey to collect and compile local needs from states not captured by national PRMS effort. The survey was incorporated into the PRMS website and provided to states through State Conservationists and PRMS Coordinators. The survey asked for information on unique state and local data needs in 6 areas: 1) additional practices, 2) additional measures, 3) additional state/local programs, 4) link to state or locally important geographic boundaries beyond the currently collected county, watershed, SWCD, and Congressional district, 5) additional report options, and 6) other miscellaneous needs. States worked with Partners during September to identify locally important data items to address the information needs of state cost-share programs, state legislated programs, and local resource concerns not adequately handled through the National PRMS data collection. The team met November 2-4 to review the results and develop a strategy for addressing the needs of states.

Key Findings

The following are the general findings of the Local Options team:

- Thirty-nine states responded to the survey.
- Most States responded to the questions on Additional Practices, Hydrologic Unit Code options, and Additional Program choices (Questions 1, 3, and 5). Five states responded to all 7 questions of the survey.
- The response was overwhelming that state agencies and partners would use PRMS with some additional data items.
- States consistently requested state or local level flexibility, rather than adding more nationally required data collection items.
- The additional data needs varied GREATLY between states – almost no agreement. (Only 2 practices out of entire FOTG that more than 5 states agreed should be added to the current list – fencing and critical area treatment).

- Because of the range of responses from States, it was determined that there are almost no clear and easy additions to the national application that will please all states.
- Existing PRMS data attributes were desirable (i.e., customer type and status, geographic locations, staff providing assistance), and additional geographic identifiers were requested (e.g., 14 digit HUC, Area, Tribal lands).

Local Options Implementation Strategy

- For FY 2001, the development and implementation of PRMS Local Options is a top priority. The array of needs identified through the survey range from those that can be addressed using existing technology in the near term to those that will depend on substantial development and perhaps additional technology to become feasible. As a result, the local options implementation strategy calls for a two-phase implementation approach.
- Phase I will address the highest priority items identified by states that can be met using existing technology and approaches. This includes providing the ability for states to identify additional measures, practices, and programs.
- The implementation target for Phase I of Local Options is the beginning of the 3rd quarter for FY 2001. This will ensure that States will have a half-year of data on their local options, which they may use these data to estimate performance for FY 2001.
- Phase II of the Local Options strategy is devoted to the development and implementation of an approach to meet the needs for additional geographic identifiers for data. During this phase options for map-based or similar latitude-longitude data entry will be evaluated. This feature will depend on new technology or enhanced computer performance to be workable. The expanded utility of the data will also depend on the availability of needed geographic layers to allow reporting (i.e., digitized 14-digit hydrologic units, tribal lands).

State Responses to the Local Options Survey

The following table displays State responses to the PRMS Local Options Survey on additional measures, practices, and programs needed. This list is being made available to provide information on the types of measures and practices that States felt would be important to track through Local Options. Needs may have changed substantially since the time of this survey, thus this list is for information only and may not reflect the actual State decisions on which local measures and practices they wish to include as they define their Local Options.

State	Measures	Practices	Programs
AK			WHIP
AZ		Waste Storage Facility (AFO) (313)	319 (EPA)
		Waste Utilization (AFO) (633)	NPDES permits
		Composting (AFO) (317)	
		Roof Runoff Mgmt (AFO) (558)	
		Brush Mgmt (314*)	
		Deferred Grazing (352*)	
		Fencing (382*)	
		Prescribed Burning (338)	
		Row Arrangement (557)	
CA	Air Quality (dust control, odor reduction, GGE reductions, ammonia reduction, smoke reduction)	Brush Management (314)	California State Programs
	Urban Conservation (access restriction, trail improvement, urban tree/shrub planting, compost sys, noxious weed mgmt.)	Noxious Weed Management (no code)	County/Local Programs
		Improved Water Management (S-197)(449)	
		Air Quality Management (S-207)	
		Firebreak (394) Fuelbreak (394b)	
		Urban Conservation (no code)	
		Fish Stream Improvement (395)	
		Stream Channel Stabilization (584)	
		Fuel Load Reduction (no code)	
		Acres	
		Riparian Restoration (acres)	
CO	Salt Load Reduction (Ton/Yr.)	Irrigation Water Conveyance, Pipeline (430)	local SCD cost share
	Deep Percolation Reduction (Ac.Ft./Yr.)	Irrigation Water Conveyance, Ditch Lining (428)	
		Irrigation Land Leveling (464)	
		Structure for Water Control (587)	
		Waste Management Systems (312)	
		Terraces (600)	
		Trough or Tank (614)	
		Residue Management, Seasonal (344)	

		Pasture & Hayland Planting (512)	
		Pipeline-516 Range Seeding (550), Critical Area Planting (342)	
		Irrigation Systems, Sprinkler (442)	
DE		Cover Crops (340)	
		Residue Management (344)	
FL		Forage Harvest Mgmt (511)	Urban Conservation
		Critical Area Planting (342)	
		Irrigation System-Sprinkler (442)	
		Irrigation System-Trickle (441)	
		Fence (382)	
		Brush Management (314)	
		Prescribed Burning (338)	
GA		Conservation Tillage-Conservation Crop Rotation (328)	District projects (Teacher Workshop)
		Pond (378)	Demonstration field days
		Fence (382)	Erosion and Sediment Plans Reviewed
		Terrace (600)	WINGS
		Composting Facility (317)	NRCS Workshop
		Heavy Use Area (561)	Farm*A*Syst.
		Waste Storage Facility (313)	
		Stream Crossing (728)	
		Trough or Tank (614)	
		Livestock Water Ramp (730)	
ID	Reduction in nitrogen leaving farm fields	Water and Sediment Control Basin (638)	319 (EPA)
	Reduction in soluble Phosphorus leaving farm fields	Irrigation Systems (442,447,441,443)	State Agricultural W
		Fish Stream Improvement (395)	
		Terrace (600)	
		Use Exclusion (472)	
		Grade Stabilization Structure (410)	
		Critical Area Planting (342)	
		Sediment Basins (350)	
		Stream Channel Stabilization (584)	
IL		Contour Farming (330)	
		Grade Stabilization Structure (410)	
		Wetland Restoration (657)	
		Water and Sediment Control Basin (No) (638)	
		Critical Area Planting (acre) Oil Well Salt Damaged Areas (642B)	
		Pasture (512)	
		Critical Area Planting (acre) (342)	
		Lined Waterway or Outlet (ft) (468)	
		Mulching (acre) (484)	
		Sediment Basin (No) (350)	
IN	Urban construction plan reviews. (no.)		State Urban Construction Erosion and Sedimentation
	Urban construction site inspections. (no.)		Local Urban Construction Erosion and Sedimentation
	Gully Erosion (tons)		Conservation

			Information/Education
	Urban construction reviews resubmitted. (no.)		State Landfill Inspection
KS			Track practices or treat
MD	Approved Contracts - No. and Ac.(by program)	Shallow Water Area for Wildlife (646)	MACS - Maryland Agricultural Cost-share Program
	Urban Site Reviews Completed - No.	Riparian Herbaceous Cover (390)	
	Urban Site Plans Approved (Erosion & Sediment Control/SWM)- No. and Ac.	Conservation Cover (327)	
MA		Fence (382)	319(EPA)
		Riparian Forest Buffer (391a)	DFA Ag. Viability/Enhancement/APR Program
			EOEA Watershed Team
			American Heritage Rivers
			EOEA/CZM CPR Program
			EOEA Wetlands Restoration & Banking Program
			604(b)-(EPA)
MI		Streambank Restoration	
		Manure Management	
		Streambank Stabilization	
		Livestock Control	
		Agricultural BMP Applied	
		Grade Stabilization	
		Grassed Waterways	
		Armored Channel	
		Settling Basins	
		Windbreaks Applied	
MO			319 (EPA)
			SALT (state program)
			CPA (EQIP)
			Loan Interest(state
			MDC (state agency pr
MS	Surface Mining Reviews (captured as Reclamation Plan Reviews and Bond Release Application Reviews)	Erosion control (Terr., Fld Brdrs, Grsd Wtrwy, No-Till, Water/Sed. Cntrl Bsn, Est.Perm.Veg., Crit. Area Plnt., Tree Plnt., Grade Stblzn., Strip Crpng, Red. Till, Cvr/Grn Mnr., Past./Hay Plnt., Strm/Shrln Prot., Chisl/SubS, Heavy Use Prot., Forestlnd Er.Cn	319 Dem.
		Water conservation (Ir.Lnd Lvl, Tailwtr recov., Ir. Wtr.Conveyence, Ir.Stor.Res., Ponds, Animal Waste Control Fac., Diversions)	319 Demonstration Projects: 1 - Erosion Control 2 - Water Conservation 3 - Wildlife 4 - Water Quality
		Wildlife (Filter strips, prescribed burning, wildlife habitat upland and wetland management)	
		Water quality (ICM, Fencing, trough/tank, agchem mixng, buffer zone, chk.dam, conc.grid, const.wtlnd., det.bsn., lined.wtrwy,	

		pkglot.stor., pavd.flume, rock outle str., slope drain., subsurf drain, water bar, retn.bsn., silt fence, perm seedng, strm.xng.)	
MT	Number of applications reviewed (Number)	Streambank and Shoreline Protection (MT Streambed Preservation Act 310 (580)	
		Fish Stream Improvement (MT Streambed Preservation Act 310 (395)	
		Critical Area Planting (MT Streambed Preservation Act 310 (342)	
		Channel Vegetation (MT Streambed Preservation Act 310 (322)	
		Dike (MT Streambed Preservation Act 310 (356)	
		Diversion (MT Streambed Preservation Act 310 (362)	
		Grade Stabilization Structure (MT Streambed Preservation Act 310 (410)	
		Riparian Forest Buffer (MT Streambed Preservation Act 310 (391A)	
		MT Streambed Preservation Act 310 (355)	
		Stream Channel Stabilization (MT Streambed Preservation Act 310 (584)	
NE	Gully and ephemeral erosion reduced	All FOTG Codes	Local Cost Share
			State Cost Share
NH	Reduction in nitrogen leaving fields	Ecosystem Restoration and Management (766)	319 (EPA)
	Reduction in phosphorus leaving fields	Early Successional habitat Development/Mgt. (647)	ECP
	Acres of I&E s for units of Gov.	Heavy Use Area (561)	SIP
	Landowners Assisted With State Permits	Structure for Water Control (587)	American Heritage Rivers
	Non-wetland ecosystems restored	Milking Center Wastewater Treatment (719)	
	Forested wetland and vernal pools protection		
	Mined lands restored (gravel pits)		
	Drinking water protected		
NY		Irrigation Systems Trickle (441)	(319) Nonpoint Source and Bond Act)
		Irrigation Water Conveyance (430DD)	Grant Assistance and dollar value
		Waste Management (312)	"OPTIONAL"
		Conservation Tillage (329)	Farmland Protection Easements and Values
NC	Reduction In N Leaving Field (lbs.)	Water Control Structures(587)	319
	Reduction In P Leaving Field (lbs.)	Stream Bank Protection (580)	Clean Water Management

			Trust Fund
			Clean Water State Revolving Fund
			.0200/1217
			Agri Cost Share Contracts
			Tech Assistance Under Cooperative Agreement
ND	Certified Wetland Determinations	Residue Mgmt, No-Till & Strip- Till (329A)	
		Residue Mgmt, Mulch Till (329B)	
		Residue Mgmt, Ridge Till (329C)	
		Riparian Herbaceous Cover (390)	
		Prescribed Grazing (528A) Applied	
OH		Ponds (378)	Section 319 EPA Grants
		Surface Drains, Subsurface Drains (606, 612)	HB 88 Complaints
		ability of local staff to choose practices to track	CREP
		Forest Stand Improvement (666) [woodland improvement]	State Initiatives
OK	Soil loss from Gully Erosion (T/yr.)	Grade Stabilization Structure (410)	Critical Area Treatment (08, 03, and RC&D)
		Critical Area Treatment (342)	
		Grassed Waterway (412)	
		Pond (378)	
		Terrace (600)	
OR		Waste Management System (312)	OWEB
		Fence (382)	CREP
		Riparian Herbaceous Cover (390)	319 (EPA)
		Fish Stream Improvement (395)	Oregon Dept of Ag Grants
SD	Reduced Sedimentation off Rangeland	Trough or Tank (614)	319-EPA, WQP
	Reduced Sedimentation off Cropland	Well (642)	SD Conservation Commission Grants
	Reduction of Nitrates in Water Supply-Human/Animal	Spring Development (574)	Grazing Lands Conservation Initiative (GLCI)
	Blank data elements for local use in the short-term	Livestock Watering Facility (378)	319-TMDL *see note
	Noxious Weed Locations	Pipeline (516)	
	Sediment reduction to streams	Conservation Cover (327)	
	Phosphorus reduction to streams	Cross WindTrap Strips (589B)	
	Program eligibility determinations done, with acreage	Fencing (382)	
		Forage Harvest Management (511)	
		Grazing Land Mechanical Treatment (548)	
TN		Prescribed Grazing (528A)	319 (EPA)
		Pasture Establishment (512)	
		Fence (382)	
		Heavy Use Area (561)	
		Critical Area (342)	
		Terrace (600)	
		Grade Stabilization Structure (410)	
		Stream Crossings (576)	

		Tank or Trough (614)	
TX			319 EPA
			503-State Water Quality
UT	Water quality improvement	Forage Harvest Management (511)	Agricultural Resource Development Loans (ARDL)
	Tons of salt reduction	Trickle Irrigation (441) Sprinkle Irrigation (442) Surface Irrigation (443)	S. 319 Clean Water Funding
		Range Seeding (550) Brush Management (314) Fencing (382)	
VT	Reduction of phosphorous leaving the farm (pounds).	Livestock Exclusion (472)	319(EPA)
	Number of animal units by type with treatments planned and applied by practice.	Forest Harvest Trails and Walkways (654)	
		Heavy Use Area Protection (561)	
VA	Many of the buffer related practices need to be collected in acres and feet.		
WA	Creation of large pools	Riparian Fencing (382)	
	Water Quality Risk Reduction-Pesticides	Streambank and shoreline protection (580)	
	Water Quality Risk Reduction-Nutrients	Stream channel stabilization (584)	
	Water Quality Risk Reduction-Bacteria	Off stream livestock watering facilities	
	Water Quality-Number of offstream livestock	Fish Stream Improvement (395)	
	Number of Water Quality monitoring projects		
WV	reduction in nitrogen and phosphorous leaching and runoff		319
	Time spent on special projects such as ECP		Emergency Watershed Protection Program
			Emergency Conservation Program
			NPDES program
WI	Riparian areas planned to RMS (ac)	Pasture & Hayland Planting (512)	WI Farmland Pres. Program (DATCP)
	Riparian areas applied to RMS (ac)	Pipeline (516)	WI NPS (DNR)
		Fence (382)	SWRM (DATCP)
		Well (642)	Local Ag Waste Ordinance
		Trough or Tank (614)	Farm*A*Syst
		Animal Trails & Walkways (575)	NR243 (DNR)
			Managed Forest Law
			WI Lakes Program
			WFLGP (DNR)
			Manure Management Prohibitions
WY	Conservation Products and services	Brush Management (314)	noxious weed control
	Administration of active long term	Irrigation (441, 442 443)	District Tree Program
	State and local reviews (subdivision	Regulating Reservoir (552B)	205J (EPA)
	Extended assistance to groups	Waste Utilization (633)	USF&W Partners for w
	Eligibility determinations		
	CRM activity		
	Wide area watershed plans		

	Water quality monitoring		
	404 permit applications		